



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hughes *et al.*

Appl. No.: 10/799,072

Filed: March 12, 2004

For: **Genes and Proteins, and Their Use**

Confirmation No.: 9134

Art Unit: 1645

Examiner: Baskar, Padmavathi

Atty. Docket: 2479.032000J/EKS/C-K

Amendment and Reply Under 37 C.F.R. § 1.114

Mail Stop RCE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated July 31, 2007 ("the Office Action"), Applicants submit the following Amendment and Remarks. It is respectfully believed that entry and consideration of this Amendment and Reply is proper under 37 C.F.R. §1.114, as this submission is being filed in response to a final office action. This Reply is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting page 3 of this paper, Amendments to the Specification;
- (C) Starting page 5 of this paper, a complete listing of all of the claims:
 - a. in ascending order;
 - b. with status identifiers; and
- (D) Starting on page 9 of this paper, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent

abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.